

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036656.D
 Acq On : 17 Mar 2025 12:49
 Operator : RC/JU
 Sample : Q1559-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310DL

Quant Time: Mar 17 13:17:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

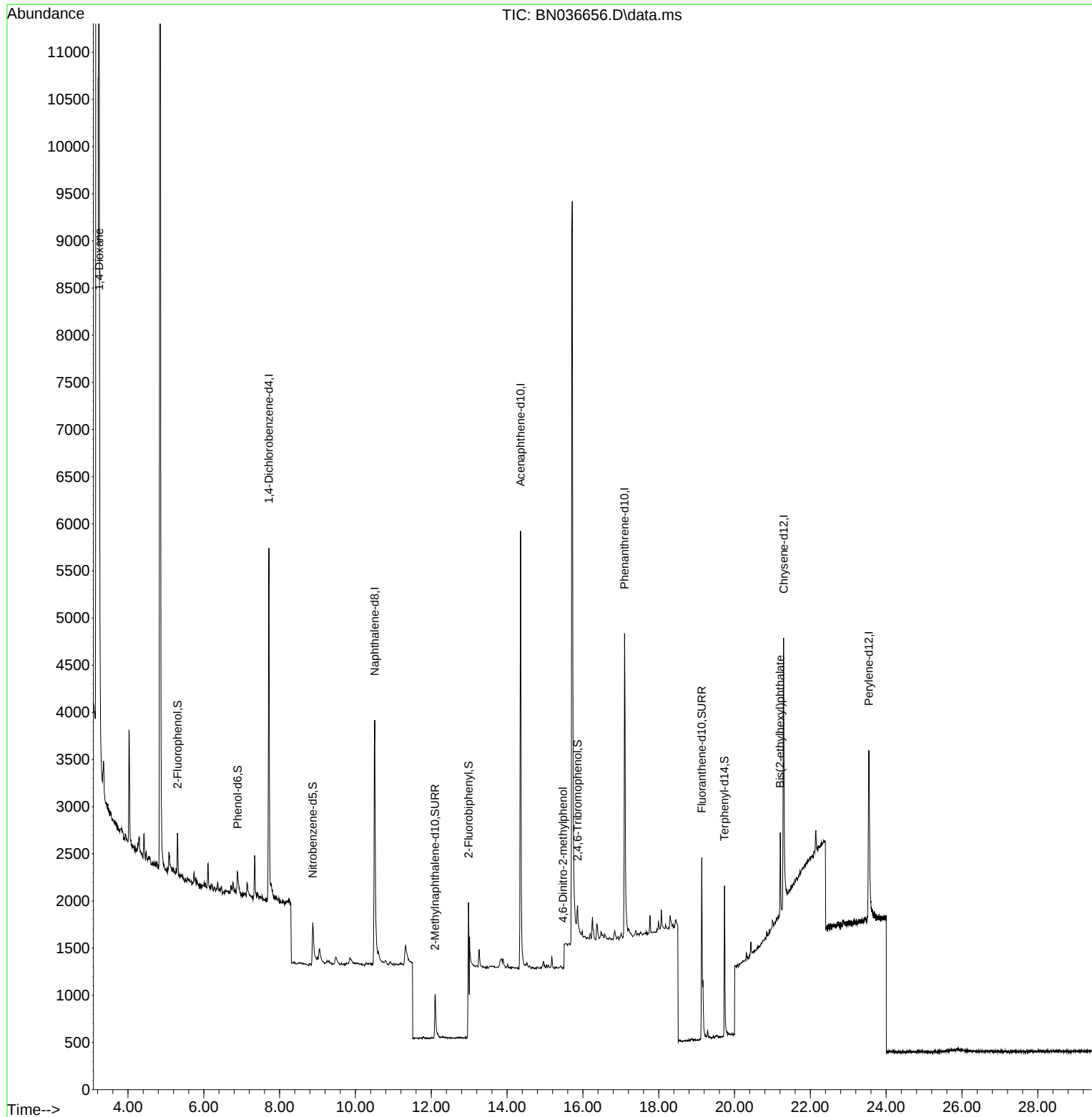
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1919	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4580	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2790	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5495	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3611	0.400	ng	0.00
35) Perylene-d12	23.543	264	3112	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	315	0.070	ng	0.00
5) Phenol-d6	6.894	99	215	0.039	ng	0.00
8) Nitrobenzene-d5	8.875	82	617	0.124	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	923	0.135	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	208	0.164	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	2330	0.144	ng	0.00
27) Fluoranthene-d10	19.136	212	2552	0.181	ng	0.00
31) Terphenyl-d14	19.736	244	1725	0.199	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	7208	3.386	ng	96
20) 4,6-Dinitro-2-methylph...	15.478	198	3	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	1018	0.114	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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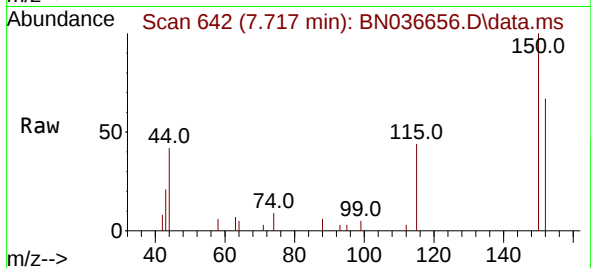
Quant Time: Mar 17 13:17:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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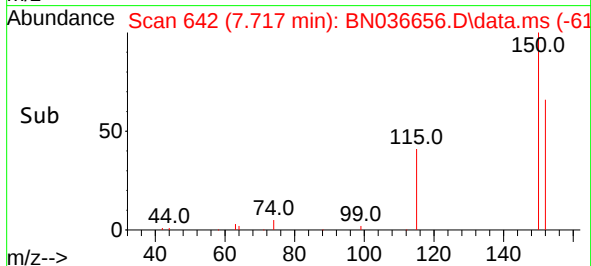
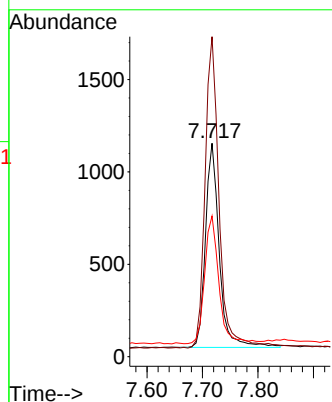


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036656.D
 Acq: 17 Mar 2025 12:49

Instrument :
 BNA_N
 ClientSampleId :
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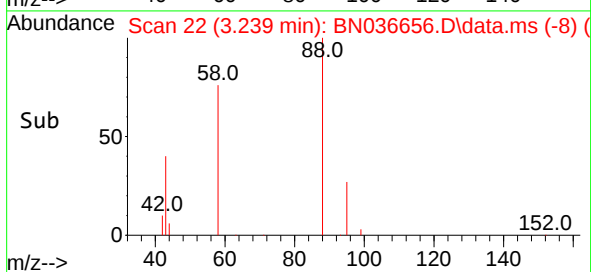
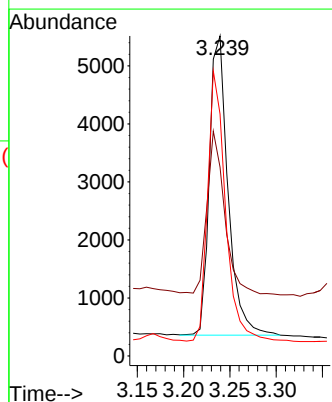
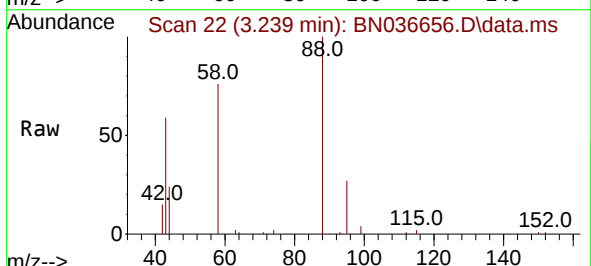


Tgt Ion:152 Resp: 1919
 Ion Ratio Lower Upper
 152 100
 150 150.0 123.7 185.5
 115 65.9 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.386 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036656.D
 Acq: 17 Mar 2025 12:49

Tgt Ion: 88 Resp: 7208
 Ion Ratio Lower Upper
 88 100
 43 52.4 37.8 56.8
 58 86.7 67.4 101.2

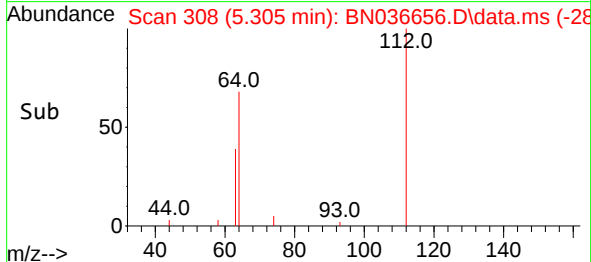
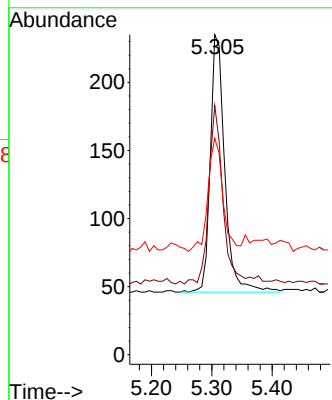
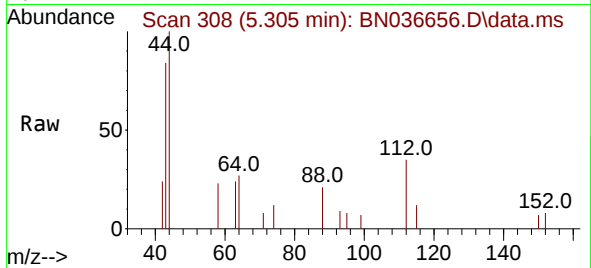




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.305 min Scan# 309
Delta R.T. -0.007 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

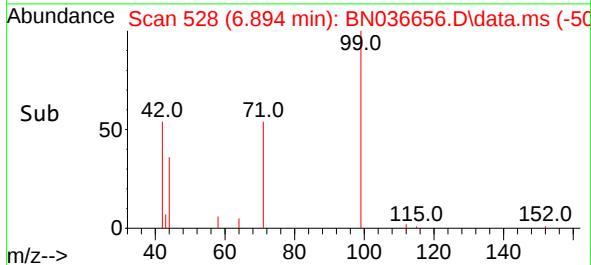
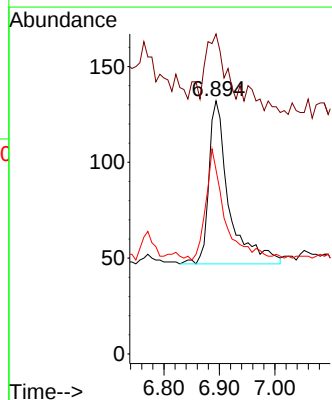
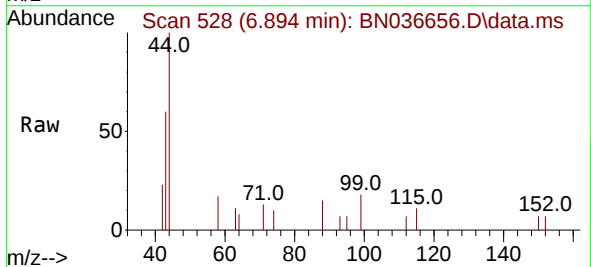
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:112 Resp: 315
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 44.4 31.8 47.8



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 99 Resp: 215
Ion Ratio Lower Upper
99 100
42 37.7 26.5 39.7
71 64.2 34.1 51.1#

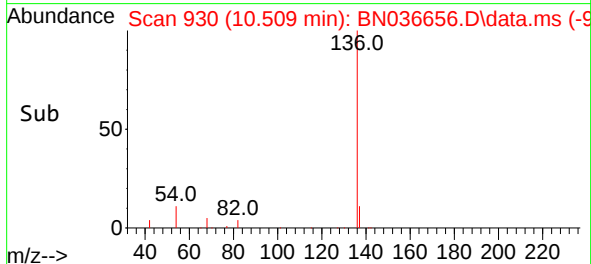
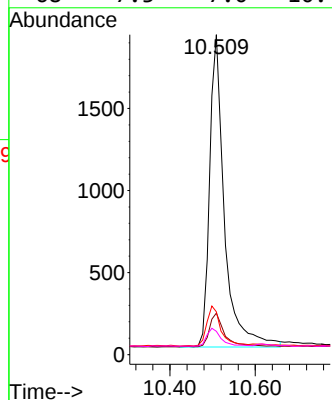
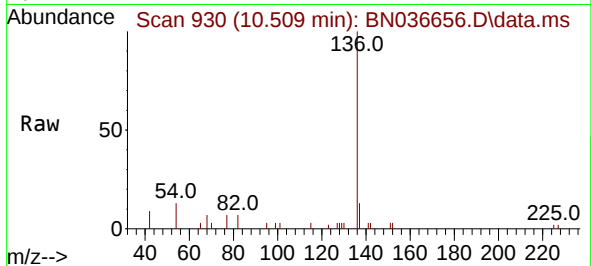




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

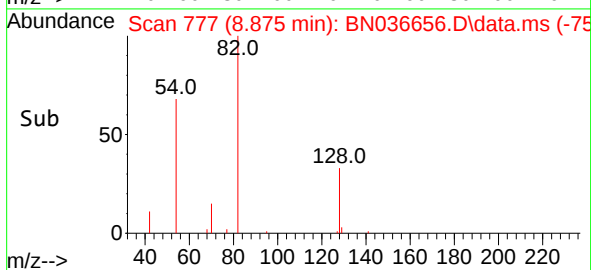
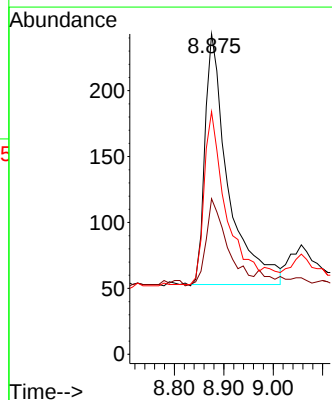
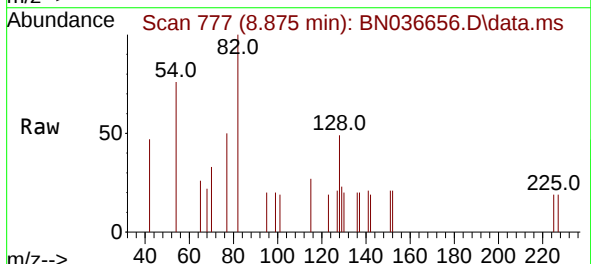
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:136	Resp:	4580
Ion	Ratio	Lower Upper
136	100	
137	13.0	10.3 15.5
54	13.4	11.5 17.3
68	7.3	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.124 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 82	Resp:	617
Ion	Ratio	Lower Upper
82	100	
128	48.6	30.6 45.8#
54	75.7	52.2 78.4

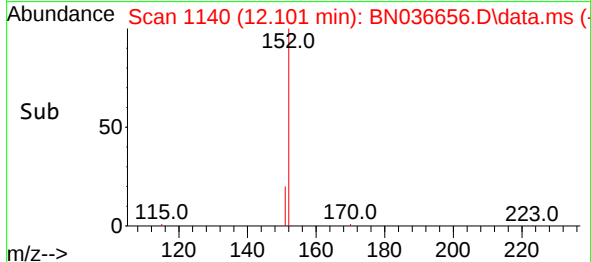
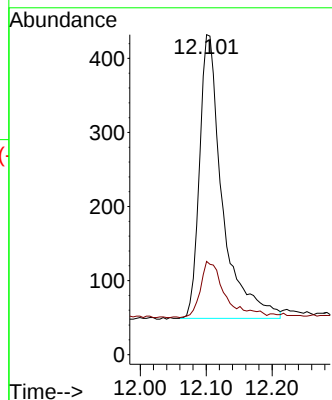
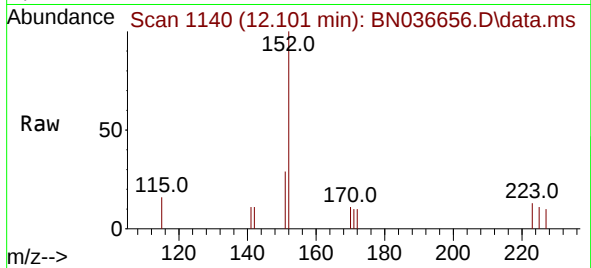




#11
2-Methylnaphthalene-d10
Concen: 0.135 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

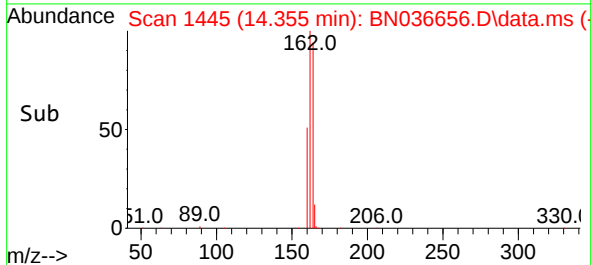
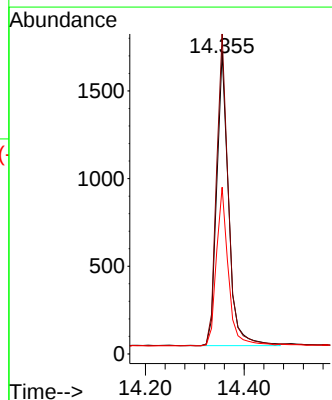
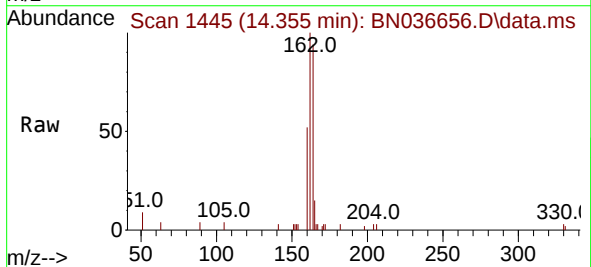
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:152 Resp: 923
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

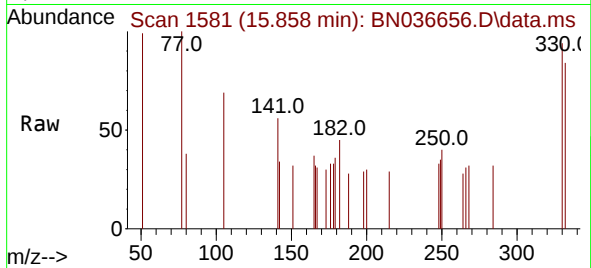
Tgt Ion:164 Resp: 2790
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 55.4 42.2 63.2



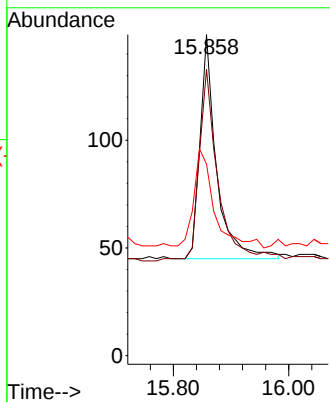
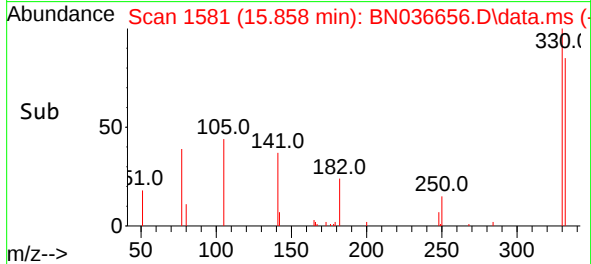


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

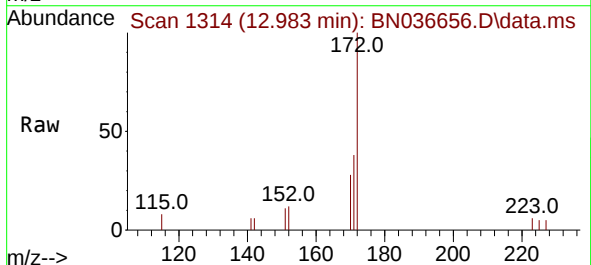
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BNA_N
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RE115D2-20250310DL



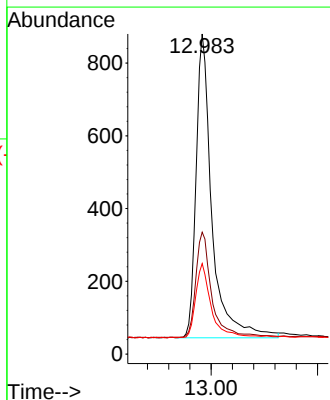
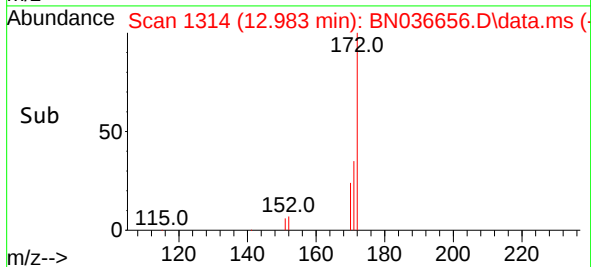
Tgt Ion:330 Resp: 208
Ion Ratio Lower Upper
330 100
332 98.1 75.2 112.8
141 55.8 43.4 65.2

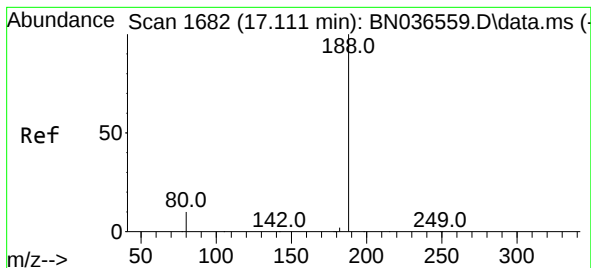


#15
2-Fluorobiphenyl
Concen: 0.144 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49



Tgt Ion:172 Resp: 2330
Ion Ratio Lower Upper
172 100
171 38.1 29.5 44.3
170 28.3 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036656.D

Acq: 17 Mar 2025 12:49

Instrument :

BNA_N

ClientSampleId :

RE115D2-20250310DL

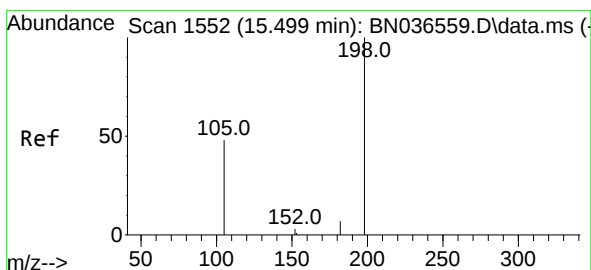
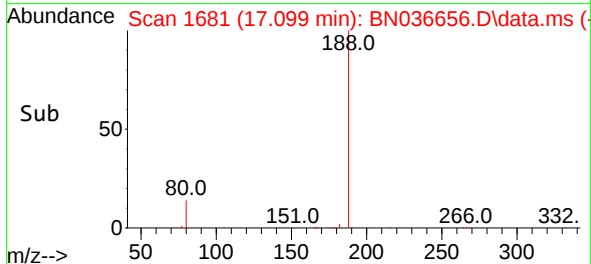
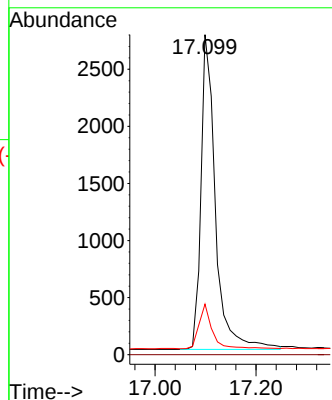
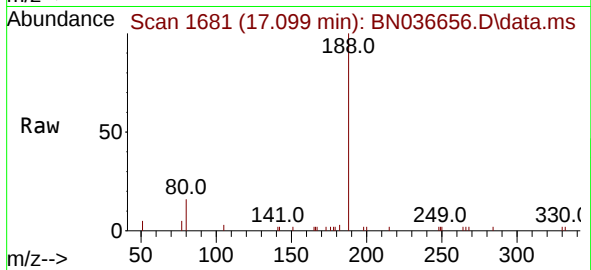
Tgt Ion:188 Resp: 5495

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.8 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.478 min Scan# 1550

Delta R.T. -0.021 min

Lab File: BN036656.D

Acq: 17 Mar 2025 12:49

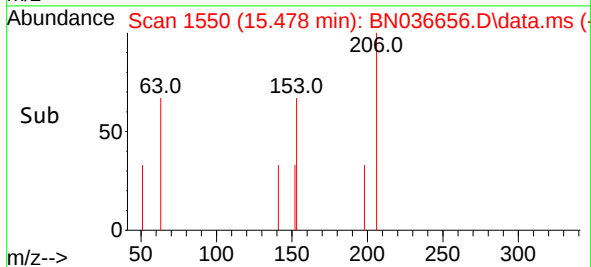
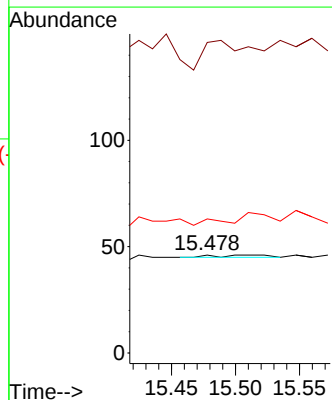
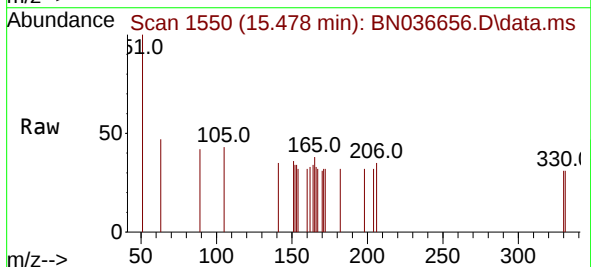
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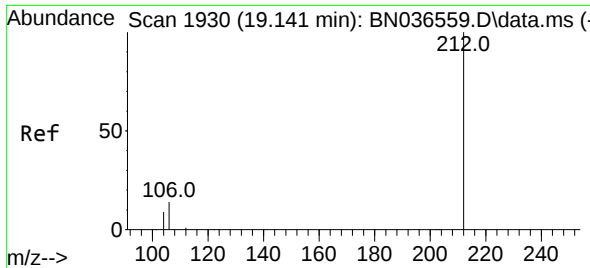
Ion Ratio Lower Upper

198 100

51 317.4 107.9 161.9#

105 137.0 56.2 84.2#

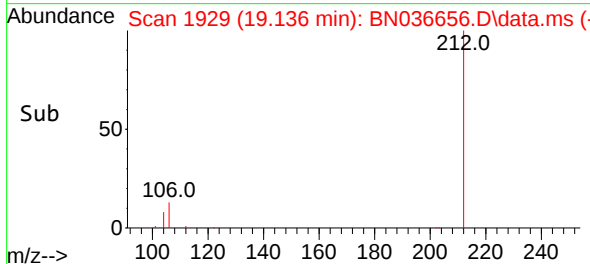
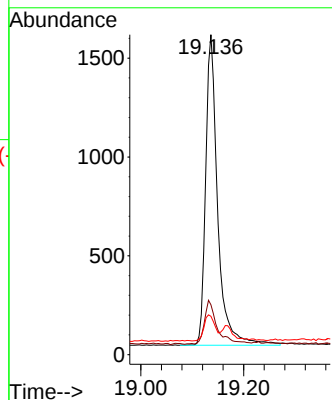
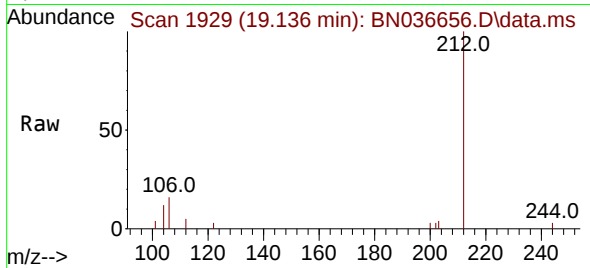




#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

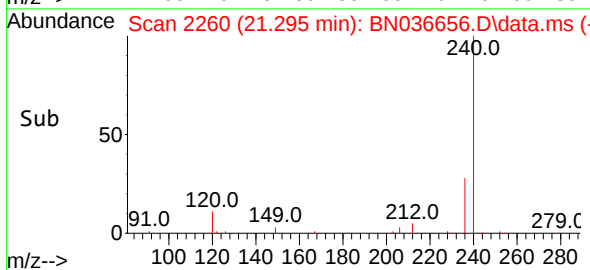
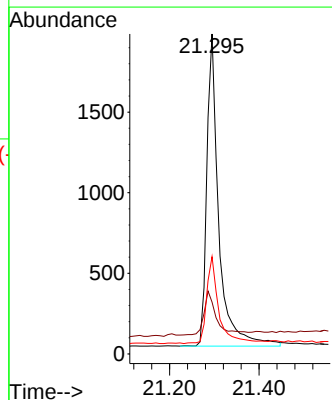
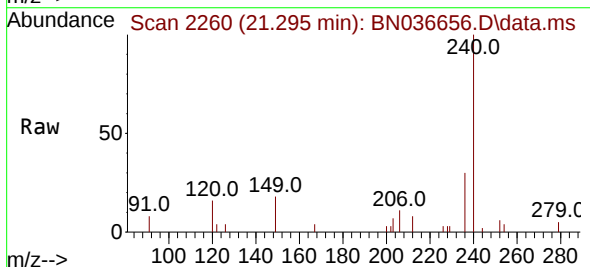
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Tgt Ion:212 Resp: 2552
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 7.5 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

Tgt Ion:240 Resp: 3611
Ion Ratio Lower Upper
240 100
120 16.2 14.6 22.0
236 30.4 24.1 36.1

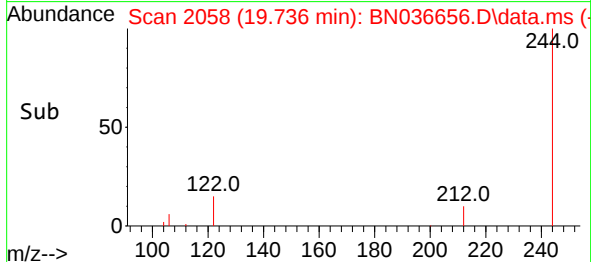
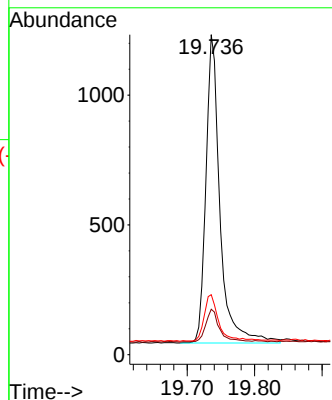
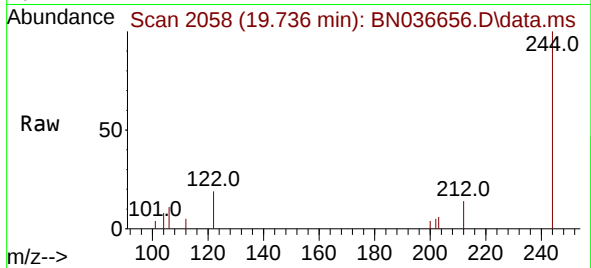




#31
Terphenyl-d14
Concen: 0.199 ng
RT: 19.736 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

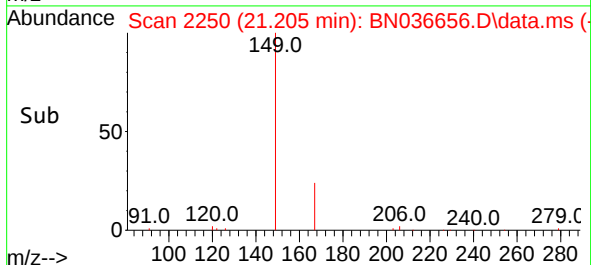
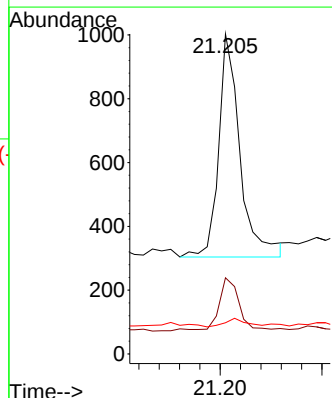
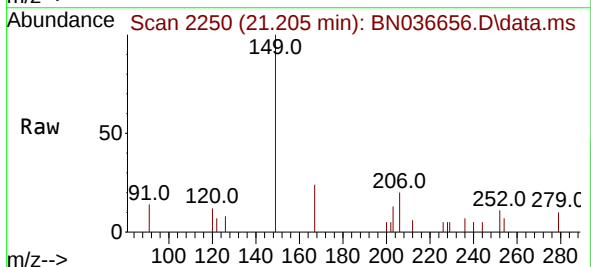
Instrument :
BNA_N
ClientSampleId :
RE115D2-20250310DL

Tgt Ion:244 Resp: 1725
Ion Ratio Lower Upper
244 100
212 14.2 9.6 14.4
122 18.7 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036656.D
Acq: 17 Mar 2025 12:49

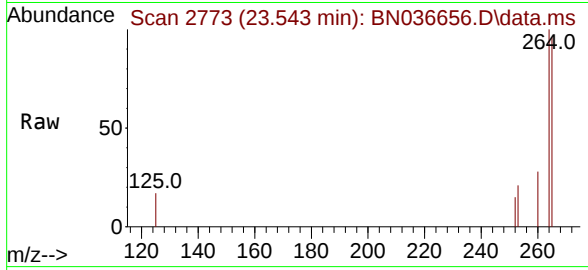
Tgt Ion:149 Resp: 1018
Ion Ratio Lower Upper
149 100
167 20.2 20.7 31.1#
279 3.8 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036656.D
 Acq: 17 Mar 2025 12:49

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20250310DL



Tgt Ion:264 Resp: 3112

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.6	33.8
265	95.9	88.1	132.1

